

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference CE10206EP	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 03/50950	International filing date (day/month/year) 05/12/2003	(Earliest) Priority Date (day/month/year) 18/12/2002
Applicant MOTOROLA INC		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. **Certain claims were found unsearchable** (See Box I).

3. **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract,**

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings to be published with the abstract is Figure No.**

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

2

None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/50950

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 475 868 A (DUQUE-ANTON ET AL) 12 December 1995 (1995-12-12) column 3, line 64 – column 4, line 41 *Idem* -----	1-11,19
Y	WO 90/10341 A1 (TELEVERKET) 7 September 1990 (1990-09-07) abstract; claims 5-8; figure 1 page 17, line 12 – page 19, line 17 -----	12-18
Y	US 6 393 277 B1 (SAHIN YILDIRIM ET AL) 21 May 2002 (2002-05-21) abstract; claim 1; figure 2 column 6, line 18 – line 61 ----- -/-	1-19



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents :

- °A° document defining the general state of the art which is not considered to be of particular relevance
- °E° earlier document but published on or after the international filing date
- °L° document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- °O° document referring to an oral disclosure, use, exhibition or other means
- °P° document published prior to the international filing date but later than the priority date claimed

°T° later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

°X° document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

°Y° document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

°&° document member of the same patent family

Date of the actual completion of the international search

26 January 2005

Date of mailing of the international search report

04/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Danielidis, S

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/50950

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/096141 A1 (POLSKA TELEFONIA CYFROWA SP. Z.O.O; WAWRZYNSKI, PAWEŁ; LEHMANN, GRZEGO) 28 November 2002 (2002-11-28) abstract; claim 1; figures 1,3 page 6, line 1 - line 23 -----	1-19
Y	WO 02/30136 A2 (ERICSSON, INC) 11 April 2002 (2002-04-11) abstract; claims 1,4; figures 4,9 page 20, line 12 - line 30 page 27, line 6 - page 28, line 17 -----	1,19
Y	WO 01/97553 A2 (TELEFONAKTIEBOLAGET L M ERICSSON) 20 December 2001 (2001-12-20) abstract; figures 2,4 page 4, line 11 - page 5, line 4 page 8, line 6 - line 22 -----	1,19
A	GB 2 356 320 A (* MOTOROLA LIMITED) 16 May 2001 (2001-05-16) abstract; figure 2 page 3, line 9 - page 4, line 2 page 11, line 10 - page 12, line 9 -----	1-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/50950

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5475868	A	12-12-1995		DE 4225688 A1 DE 4303999 A1 AU 670955 B2 AU 4433993 A CN 1086363 A , B DE 59309538 D1 EP 0585994 A2 JP 7007764 A		10-02-1994 18-08-1994 08-08-1996 17-02-1994 04-05-1994 02-06-1999 09-03-1994 10-01-1995
WO 9010341	A1	07-09-1990		SE 465146 B AT 125085 T CA 2046907 A1 DE 69020896 D1 DE 69020896 T2 EP 0461176 A1 ES 2074566 T3 SE 8900742 A US 5442804 A		29-07-1991 15-07-1995 04-09-1990 17-08-1995 30-11-1995 18-12-1991 16-09-1995 04-09-1990 15-08-1995
US 6393277	B1	21-05-2002		NONE		
WO 02096141	A1	28-11-2002		PL 347682 A1 CZ 20033161 A3 EP 1389401 A1 HU 0400092 A2 US 2004157615 A1		02-12-2002 17-03-2004 18-02-2004 28-04-2004 12-08-2004
WO 0230136	A2	11-04-2002		US 6735436 B1 AU 9494201 A DE 10196721 T0 GB 2385243 A , B		11-05-2004 15-04-2002 20-11-2003 13-08-2003
WO 0197553	A2	20-12-2001		AU 7476201 A		24-12-2001
GB 2356320	A	16-05-2001		NONE		